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October 8, 2015

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In support of the DOE's Technology-to-Market activities in the Office of Energy Efficiency and Renewable Energy (EERE), Los Alamos researchers used their extensive knowledge and state-of-the-art capabilities to host a three-day hands-on short course on fuel cells.

The DOE's Fuel Cell Technology Office Technology-to-Market activities efforts place emphasis on national laboratories increasing their industrial contacts, engaging more companies, and developing technology skills.

Participants gained valuable insight by interacting and working alongside the LANL fuel cell team during the workshop. Fourteen participants from industry, universities, and colleges attended, including Giner, Inc., Pajarito Powders, LLC, University of Delaware,

Pittsburg State University, University of New Mexico, New Mexico State University, Southern University, Tuskegee University, and Benedict College.

Los Alamos scientists gave presentations covering Hydrogen and Lab Safety, the Laboratory's Membrane-and-Electrode Process, Fuel Cell Materials Characterization, Modeling, Durability and Testing. In addition, laboratory demonstrations such as analysis of fuel cell performance, cyclic voltammetry, and impedance spectroscopy actively involved the participants.

The Laboratory remains at the forefront of Fuel Cell Research and Development, and their leadership and commitment have been instrumental in supporting DOE R&D efforts. The DOE funded this effort under Office of Energy Efficiency and Renewable Energy's Technology-to-Market activities initiative. The work supports the Laboratory's Energy Security mission area and the Materials for the Future science pillar through development of fuel cells for clean transportation.

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